FUJIFILM

xD-Picture Card™

SUPER CCD

digital
Tools for the imagination.

DIGITAL CAMERA

FinePix F420

OWNER'S MANUAL

This manual will show you how to use your FUJIFILM DIGITAL CAMERA FinePix F420 correctly.
Please follow the instructions carefully.

Designed for Microsoft® Windows® XP

Exif Print

BL00323-200(1)

E

Warning

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

For customers in the U.S.A.

Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void the user's authority to operate the equipment.

Notes on the Grant:
To comply with Part 15 of the FCC rules, this product must be used with a Fujifilm-specified ferrite-core A/V cable, USB cable and DC supply cord.

For customers in Canada

CAUTION

This Class B digital apparatus complies with Canadian ICES-003.

Please read the Safety Notes (➡P.89) and make sure you understand them before using the camera.

IMPORTANT

Be sure to read this page before using the Software.

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EC Declaration of Conformity

We
Name: Fuji Photo Film (Europe) G.m.b.H.
Address: Heesenstrasse 31
40549 Dusseldorf, Germany

declare that the product
Product Name: FUJIFILM DIGITAL CAMERA FinePix F420
Manufacture's Name: Fuji Photo Film Co., Ltd.
Manufacture's Address: 26-30, Nishiazabu 2-chome, Minato-ku,
Tokyo 106-8620, Japan

is in conformity with the following Standards

Safety:	EN60065	
EMC:	EN55022:	1998 Classe B
	EN55024:	1998
	EN61000-3-2:	1995 + A1:1998 + A2:1998

following the provision of the EMC Directive (89/336/EEC, 92/31/EEC and 93/68/EEC) and Low Voltage Directive (73/23/EEC).

CE

Dusseldorf, Germany — Place
December 1, 2003 — Date
Signature/Managing Director

Bij dit produkt zijn batterijen geleverd. Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als KCA

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Preface

■ Test Shots Prior to Photography
For particularly important photographs (such as weddings and overseas trips), always take a test photograph and view the image to make sure that the camera is functioning normally.
- Fuji Photo Film Co., Ltd. cannot accept liability for any incidental losses (such as the costs of photography or the loss of income from photography) incurred as a result of faults with this product.

■ Notes on Copyright
Images recorded using your digital camera system cannot be used in ways that infringe copyright laws without the consent of the owner, unless intended only for personal use. Note that some restrictions apply to the photographing of stage performances, entertainments and exhibits, even when intended purely for personal use. Users are also asked to note that the transfer of **xD-Picture Card** containing images or data protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.

■ Liquid Crystal
If the LCD monitor is damaged, take particular care with the liquid crystal in the monitor. If any of the following situations arise, take the urgent action indicated.
- If liquid crystal comes in contact with your skin
  Wipe the area with a cloth and then wash thoroughly with soap and running water.
- If liquid crystal gets into your eye
  Flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.
- If liquid crystal is swallowed
  Flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Then seek medical assistance.

■ Notes on Electrical Interference
If the camera is to be used in hospitals or aircrafts, please note that this camera may cause interference to other equipment in the hospital or aircraft. For details, please check with the applicable regulations.

■ Handling Your Digital Camera
This camera contains precision electronic components. To ensure that images are recorded correctly, do not subject the camera to impact or shock while an image is being recorded.

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✻ The “Designed for Microsoft® Windows® XP” logo refers to the camera and the driver only.
- Other company or product names are trademarks or registered trademarks of the respective companies.

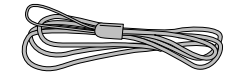
■ Explanation of Color Television System
NTSC: National Television System Committee, color television telecasting specifications adopted mainly in the U.S.A., Canada and Japan.
PAL: Phase Alternation by Line, a color television system adopted mainly by European countries and China.

■ Exif Print (Exif ver. 2.2)
Exif Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

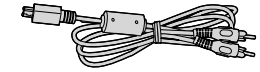
Accessories included

- **16 MB, xD-Picture Card™ (1)**
  Included with: Anti-static case (1)

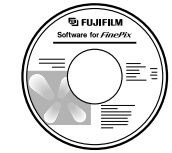
- **Strap (1)**



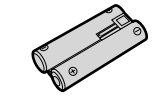
- **A/V cable for the FinePix F420 (1) (approx. 1.2 m (3.9 ft.))**



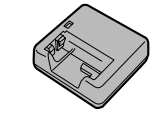
- **CD-ROM (1)**
  Software for FinePix SX



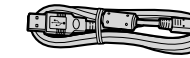
- **Rechargeable Battery NH-20 (1)**



- **Battery Charger BC-NH20 (1)**
  Included with: Power cable (1)



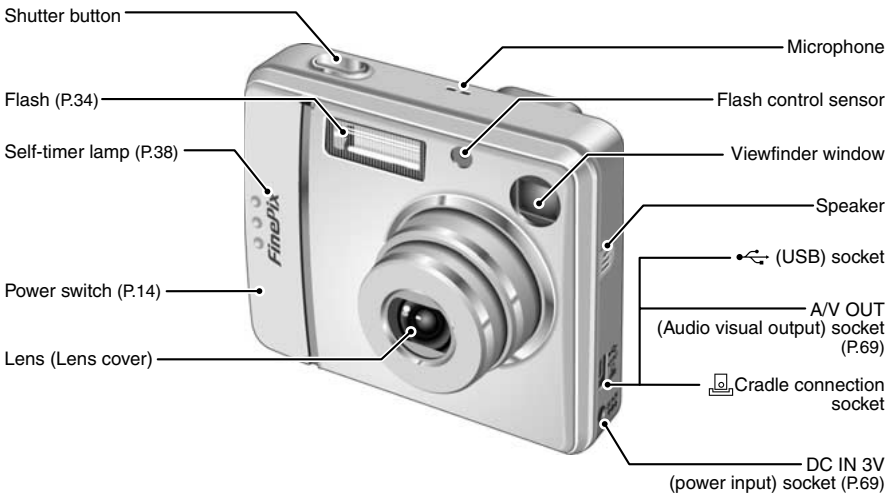
- **USB cable with Noise Suppression core (1)**

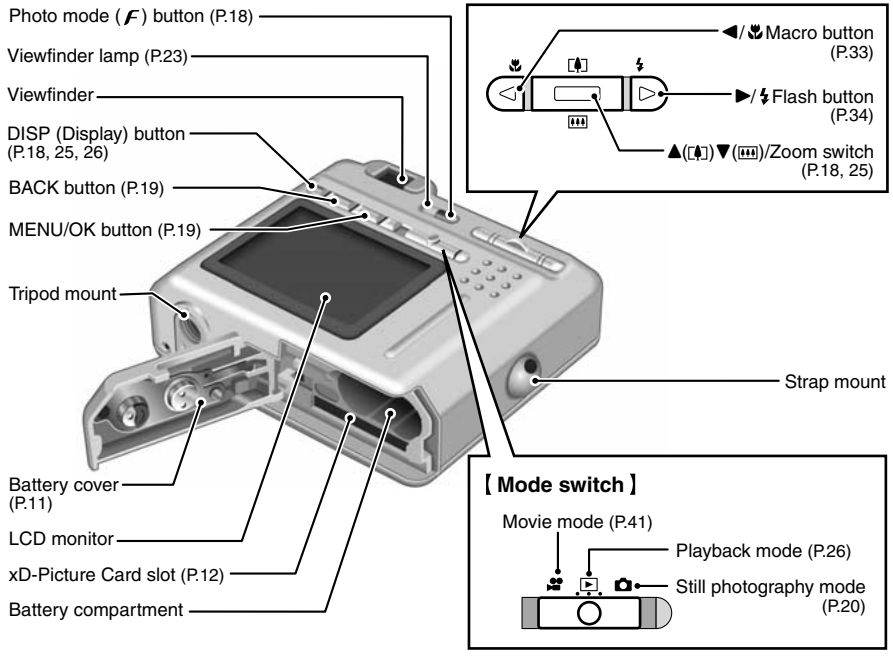


- **Owner’s Manual (this manual) (1)**

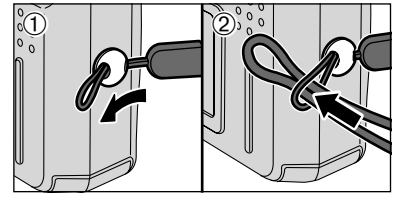
Nomenclature

✻ Refer to the pages in parentheses for information on using the camera features.





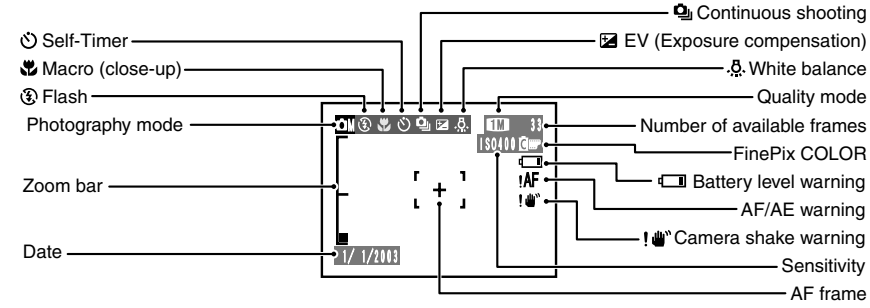
Attaching the strap



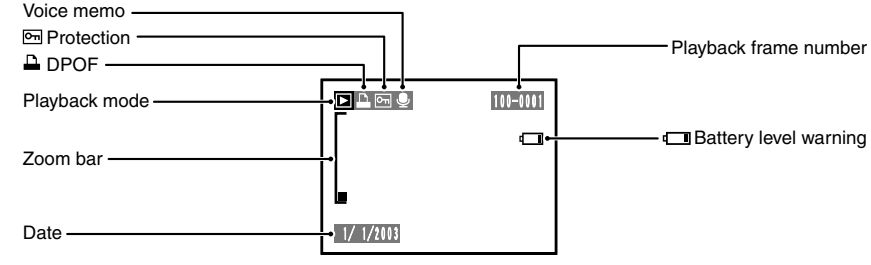
Attach the strap as shown in ① and ②.

Example of LCD Monitor Text Display

■ Still photography mode



■ Playback mode



◆ Displaying the On-screen Help ◆

Instructions for the next step in the procedure appear at the bottom of the LCD monitor. Press the button indicated.

DISP ZOOM
OK TRIMMING

Press the “DISP” button to use the zoom or the “MENU/OK” button to crop the image.

CHARGING A BATTERY

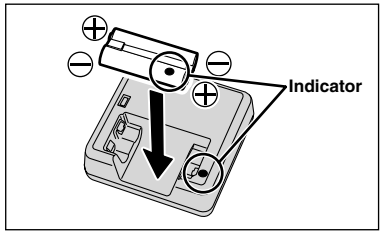
Charge the Rechargeable Battery NH-20.

Batteries that can be charged

- Rechargeable Battery NH-20 (included)

! Use the battery charger (BC-NH20) provided with the camera to charge Ni-MH batteries only. Attempting to charge batteries other than those specified for use with the charger (such as manganese, alkaline or lithium batteries) can cause the batteries to burst or leak. This could result in a fire or injury and consequent damage to the surroundings.

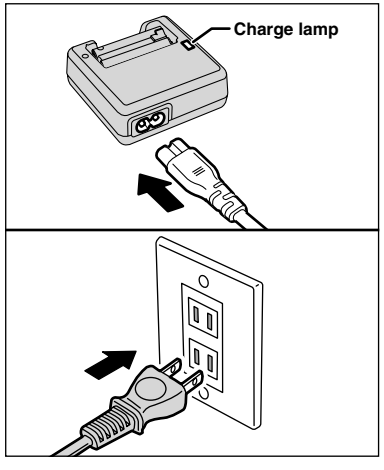
1



Load the Rechargeable Battery NH-20 into the battery charger (BC-NH20) bundled with the camera correctly as indicated by the polarity icons.

! The battery is not fully charged at shipment and must be fully charged before being used.
! When first used after purchasing or left unused for a long period, charge and discharge battery using the camera's "Discharging rechargeable batteries" function and then recharge it (➡P.17).
! If the terminals of battery are soiled, it may not be possible to charge them. Clean the battery terminals and battery charger terminals with a clean, dry cloth.

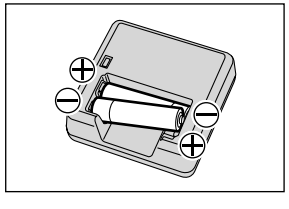
2



Plug the power cable into the battery charger.
Plug the power cable into a power outlet to being charged. Charging ends after about 2 hours and the charging lamp goes off. Unplug the power cable from the power outlet when it is not in use.

! If Rechargeable Battery NH-20 and Ni-MH batteries are charged repeatedly before there are fully discharged, the battery low warning to appear while there is still ample charge remaining in the batteries. At that time, discharge and recharge them several times using the camera's "Discharging rechargeable batteries" function (➡P.17).

◆ Charge the Ni-MH rechargeable batteries (commercially available) ◆



Load the batteries into the battery charger (BC-NH20) correctly as indicated by the polarity icons.

✻ Wherever possible, use the Rechargeable Battery NH-20. When using Ni-MH batteries (commercially available), note the following:
- Different brands and types of Ni-MH batteries have differing charging and discharging characteristics. Some batteries may finish charging more quickly or give fewer available shots. If the power suddenly fails and the lens does not retract, set the Mode switch to Playback mode (➡P.26). Then turn the camera on. After the lens retracts, turn the camera off again. If the lens still does not retract, fit new batteries or use the AC power adapter (➡P.69).
- If the lamp blinks during charging, the charger cannot recharge those batteries. Use the correct charger (commercially available), for the batteries.

LOADING THE BATTERY AND THE xD-Picture Card

Compatible Batteries

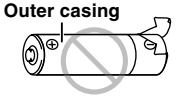
- Rechargeable Battery NH-20
- 2 × AAA-size Ni-MH rechargeable batteries (commercially available)
- 2 × AAA-size alkaline batteries (commercially available)

◆ Alkaline batteries ◆

Alkaline batteries are useful when the rechargeable batteries run out of charge while you are traveling and just a few more shots are needed. Note the following when using alkaline batteries:
- The shooting time provided by alkaline batteries varies depending on the type and brand. In some cases, the camera may stop taking pictures or may suddenly turn off without retracting the lens.
- The shooting time provided by alkaline batteries decreases further at low temperatures (0°C to +10°C/+32°F to +50°F). Use Ni-MH batteries since they provide consistent shooting times even at low temperatures.
- When the camera stops taking pictures or suddenly turns off without retracting the lens, this is not a camera fault. If the lens does not retract, set the Mode switch to Playback mode (➡P.26). Then turn the camera on. After the lens retracts, turn the camera off again. If the lens still does not retract, fit new batteries or use the AC power adapter (➡P.69).

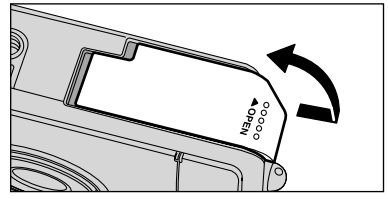
◆ How to use the battery ◆

- Never use the following types of batteries, as they could cause serious problems such as battery fluid leakage or overheating:
  1. Batteries with split or peeling outer casings
  2. Combinations of different types of batteries or new and used batteries together



- Do not use manganese or Ni-Cd batteries.
- Soil (such as fingerprints) on the battery terminals makes the batteries charge less reducing the number of images they will allow you to take. Carefully wipe the battery terminals with a soft dry cloth before loading.
- See P.78-79 for other notes on using batteries.
- When first used after purchasing or left unused for a long period, the time for which Rechargeable Battery NH-20 or AAA-size Ni-MH rechargeable batteries can be used may be shorter. See P.79 for details.
- When the surfaces of the Rechargeable Battery NH-20 terminals have become worn through repeated use or the battery has been taken out of the camera and left for a long period, the battery may stop supplying power or may become usable only for shorter periods.
  To restore normal battery operation, open and close the battery cover several times to dislodge any soiling on the terminals.

1



Check that the camera is turned off (viewfinder lamp goes off) before opening the battery cover.

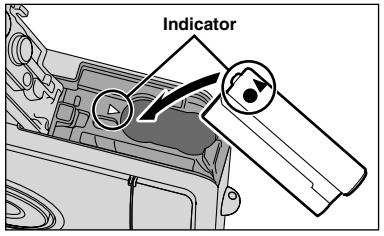
! Opening the battery cover while the camera is on causes the camera to turn off.
! Do not apply excessive force to the battery cover.

Do not open the battery cover while the camera is still turned on. This could damage the **xD-Picture Card** or corrupt the image files on the **xD-Picture Card**.

Continued

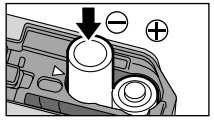
LOADING THE BATTERY AND THE xD-Picture Card

2



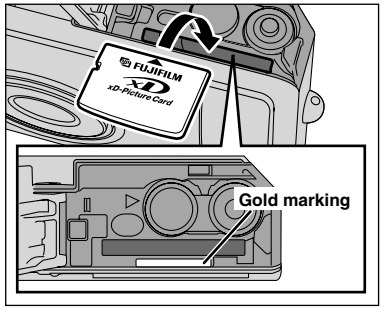
Load the Rechargeable Battery NH-20 correctly as indicated by the polarity icons.

◆ Loading AAA-size batteries ◆



Load the batteries correctly as indicated by the polarity icons.

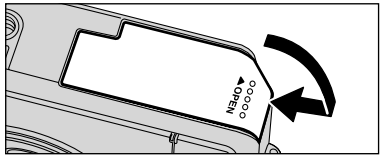
3



Align the gold marking on the xD-Picture Card slot with the gold contact area on the **xD-Picture Card** and then push the card firmly all the way into the slot.

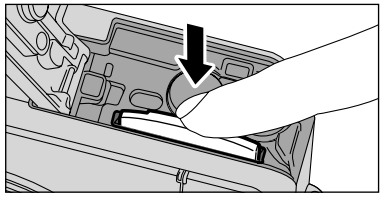
- If the **xD-Picture Card** is oriented incorrectly, it will not go all the way into the slot. Do not apply excessive force when inserting an **xD-Picture Card**.

4



Close the battery cover.

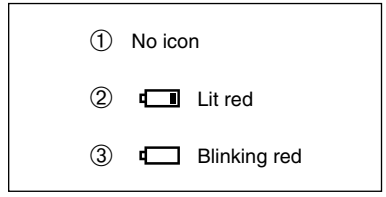
◆ How to replace the xD-Picture Card ◆



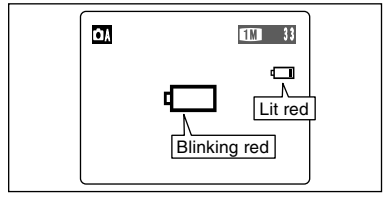
Push the **xD-Picture Card** into the slot and then slowly remove your finger. The lock is released and the **xD-Picture Card** is pushed out.

◆ Checking the remaining battery charge ◆

Turn the camera on and check that no battery level warning (▭ or ▭) appears on the LCD monitor. If no icon appears, there is ample charge left in the batteries.



① There is ample remaining battery charge.
② There is insufficient charge left in the batteries. The batteries will soon run completely out and replace fully charged batteries or recharge the batteries.
③ The batteries are depleted. The display will shortly go blank and the camera will stop working. Replace fully charged batteries or recharge the batteries.



"▭" appears as a small icon on the right-hand side of the LCD monitor. "▭" appears as a large icon on the LCD monitor.

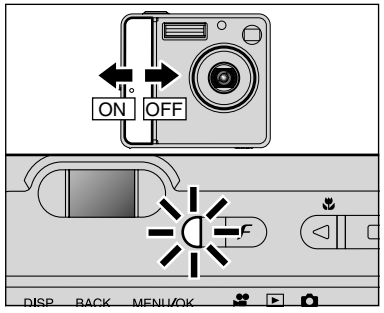
- When the power save (➡P.58) is active and the "▭" appears, the intervals of next shooting after a picture is taken and the flash charging time may increase.
- When the batteries run out, "▭" appears and camera operation automatically stops. When this occurs, the camera may work if you turn it on again even without loading new or fully charged batteries. However, this may cause camera faults such as the camera turning itself off without retracting the lens. Always load new or fully charged batteries.
- Due to the nature of the battery, the battery low warning may appear early when the camera is used in cold locations. This is normal and does not indicate a fault. Try warming the batteries in your pocket or a similar location before use.

◆ Power save function ◆

When this function is active, the LCD monitor goes dark when the camera is not used for about 10 seconds. When the camera is not used for about 20 seconds, this function automatically turns the LCD monitor off temporarily (sleep) to reduce power consumption (See P.58 for details). If that camera remains unused for an additional interval of 2 minutes, the Power save function automatically turns the camera off. To turn camera back on, slide the Power switch to turn the camera off briefly and then turn it back on.

TURNING ON AND OFF / SETTING THE DATE AND TIME

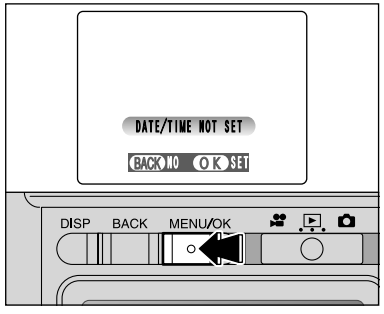
1



Slide the Power switch to turn the camera on and off. When turning the camera on, the viewfinder lamp lights (green).

In "📷" or "🎥" mode, the lens extends and the lens cover opens. Take care not to obstruct the lens, as it is a precision component.
Obstructing the lens will cause a malfunction or fault and the "FOCUS ERROR" or "ZOOM ERROR" message will appear. Take care also not to get fingerprints on the camera lens as this will result in impaired image quality in your shots.

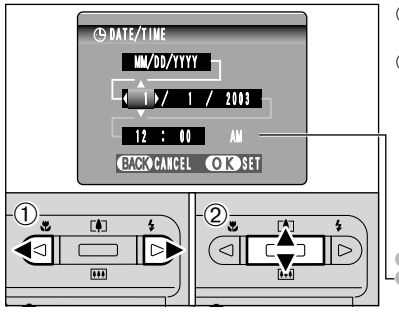
2



When first using the camera after purchasing, the date and time are cleared. Press the "MENU/OK" button to set the date and time.

- If a confirmation message (left screen) does not appear, refer to "CORRECTING THE DATE AND TIME" (➡P.15) to check and correct the date and time.
- When also leaving the camera for a long period with the batteries removed, this confirmation message will appear.
- To set the date and time later, press the "BACK" button.
- If you do not set the date and time, this confirmation message will appear each time you turn the camera on.

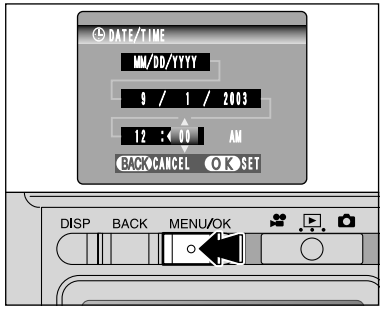
3



① Press "◀" or "▶" to select Year, Month, Day, Hour or Minute.
② Press "▲" or "▼" to correct the setting.

- Holding down "▲" or "▼" changes the numbers continuously.
- When the time displayed passes "12:00", the AM/PM setting automatically changes.

4

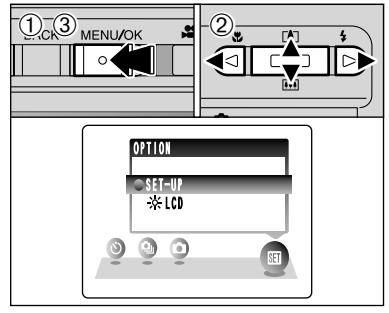


Once you have set the date and time, press the "MENU/OK" button. Pressing the "MENU/OK" button changes the camera to Photography or Playback mode.

- At the time of purchase and after leaving the camera for a long period with the batteries removed, settings such as the date and time are cleared. Once the AC power adapter has been connected or the batteries have been loaded for 2 hours or more, the camera settings will be retained for about 6 hours even if both sources of camera power are removed.

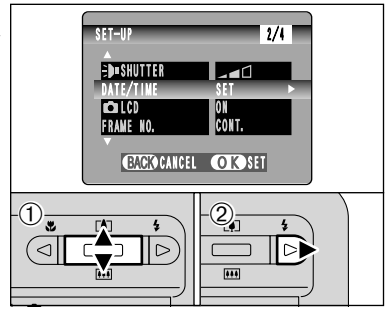
CORRECTING THE DATE AND TIME / CHANGING THE DATE ORDER

1



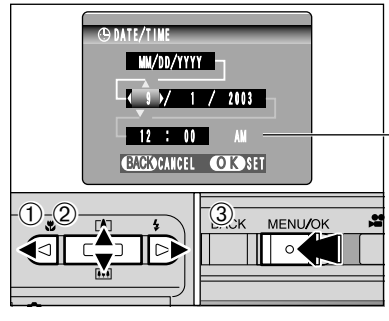
① Press the "MENU/OK" button to display the menu on the LCD monitor.
② Press "◀" or "▶" to select "SET" OPTION and then press "▲" or "▼" to select "SET-UP".
③ Press the "MENU/OK" button.

2



① Press "▲" or "▼" to select "DATE/TIME".
② Press "▶".

3

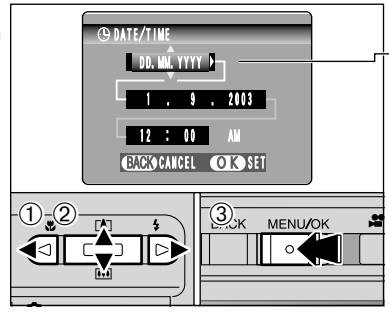


Correcting the date and time

① Press "◀" or "▶" to select Year, Month, Day, Hour or Minute.
② Press "▲" or "▼" to correct the setting.
③ Always press the "MENU/OK" button after the settings are completed.

- Holding down "▲" or "▼" changes the numbers continuously.
- When the time displayed passes "12:00", the AM/PM setting automatically changes.

4



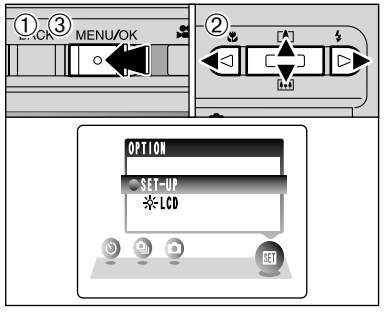
Changing the date order

① Press "◀" or "▶" to select the date order.
② Press "▲" or "▼" to set the order. Refer to the table below for details of the settings.
③ Always press the "MENU/OK" button after the settings are completed.

Date order	Explanation
YYYY.MM.DD	Displays the date in the "year.month.day" format.
MM/DD/YYYY	Displays the date in the "month/day/year" format.
DD.MM.YYYY	Displays the date in the "day.month.year" format.

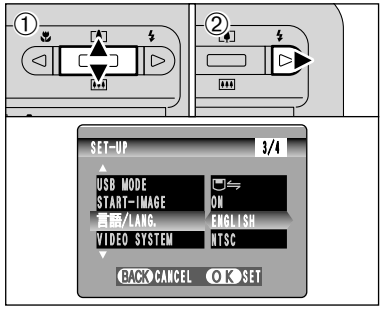
SELECTING THE LANGUAGE

1



① Press the “MENU/OK” button to display the menu on the LCD monitor.
② Press “◀” or “▶” to select “SET” OPTION and then press “▲” or “▼” to select “SET-UP”.
③ Press the “MENU/OK” button.

2



① The “SET-UP” screen appears. Press “▲” or “▼” to select “言語/LANG.”.
② Press “▶” to select “ENGLISH”, “FRANCAIS”, “DEUTSCH”, “ESPAÑOL”, “中文” or “日本語”. Press “▶” to cycle through the language settings.

The screens in this manual are shown in English.
See P.57 for more information on the “SET” OPTION menu.

PROCEDURE FOR DISCHARGING RECHARGEABLE BATTERIES

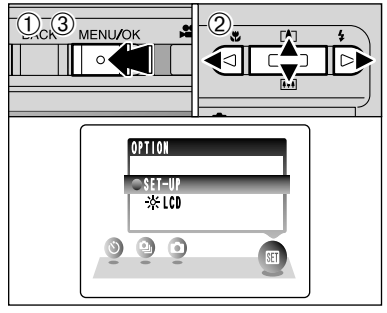
Due to the nature of Ni-MH rechargeable batteries, the time for which they can be used may become shorter in certain situations, even when the batteries are fully charged.
In the following situations, the batteries should be discharged and then fully recharged before use.

- When first used after purchasing the camera
- When you purchase new Rechargeable Battery NH-20 or Ni-MH rechargeable batteries (commercially available)
- When the batteries have not been used for a long period
- When the batteries can only be used for a short time after being charged normally

The “Discharging rechargeable batteries” function can only be used with Rechargeable Battery NH-20 or Ni-MH rechargeable batteries (commercially available).
The “Discharging rechargeable batteries” function should not be used with alkaline batteries as it will completely drain the battery charge.

The Rechargeable Battery NH-20 or Ni-MH rechargeable batteries (commercially available) are not discharged when the camera is set in the cradle (➡P.77) or while using the AC power adapter (➡P.69).
Remove the cradle or AC power adapter from the camera before discharging batteries.

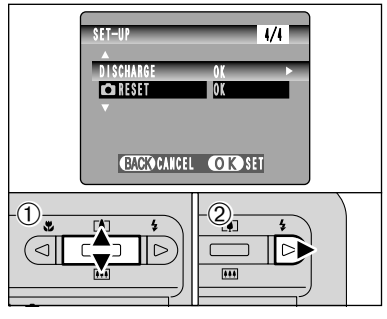
1



① Press the “MENU/OK” button to display the menu on the LCD monitor.
② Press “◀” or “▶” to select “SET” OPTION and then press “▲” or “▼” to select “SET-UP”.
③ Press the “MENU/OK” button.

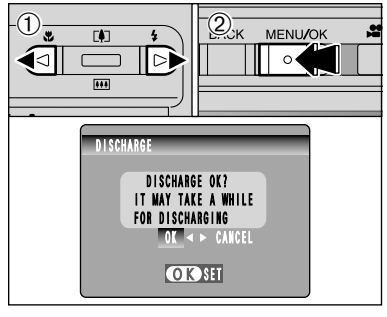
Remove the camera from the cradle when discharging batteries.
Do not use the procedure for discharging rechargeable batteries with alkaline batteries.

2



① Press “▲” or “▼” to select “DISCHARGE”.
② Press “▶”.

3



① Press “◀” or “▶” to select “OK”.
② Press the “MENU/OK” button.
The screen changes and discharging begins.
When the battery level indicator blinks red and discharging ends, the camera turns off.

To cancel discharging, press the “BACK” button.

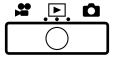
BASIC OPERATION GUIDE

You've read the chapter on getting ready and the camera is now set up and ready to take pictures. "Using the Camera" describes the basic camera operations of "Taking Pictures", then "Viewing Images" and "Erasing Images".

This section describes the camera's functions.

Changing modes

Slide the Mode switch to change modes.



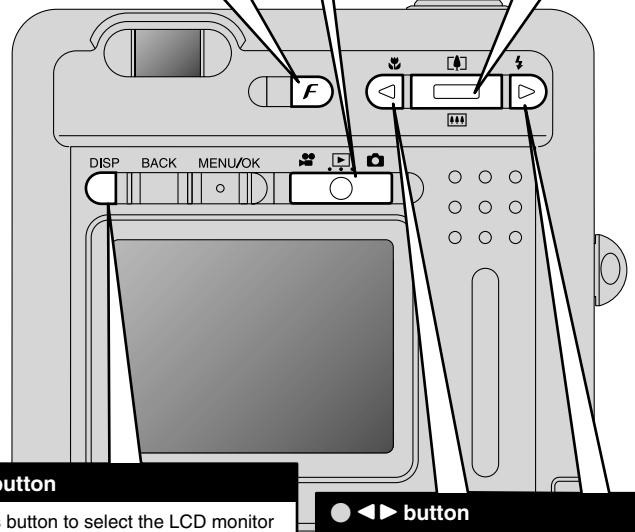
- **Still photography mode:** Still image shooting.
- **Playback mode:** Photographed image playback.
- **Movie mode:** Movie recording.

Photo mode (ƒ) button

Photography: Selects the quality (number of recorded pixels), sensitivity and FinePix COLOR setting.
Playback: Specifies the print order (DPOF) settings.

▲([⏫])▼([⏬]) switch

Photography: ▲▼ switch
Presses "[⏫]" to zoom in (telephoto).
Presses "[⏬]" to zoom out (wide-angle).
Playback: ▲▼ switch (Panning frames (files))
Presses "[⏫]" to enlarge the image.
Presses "[⏬]" to revert to normal display.



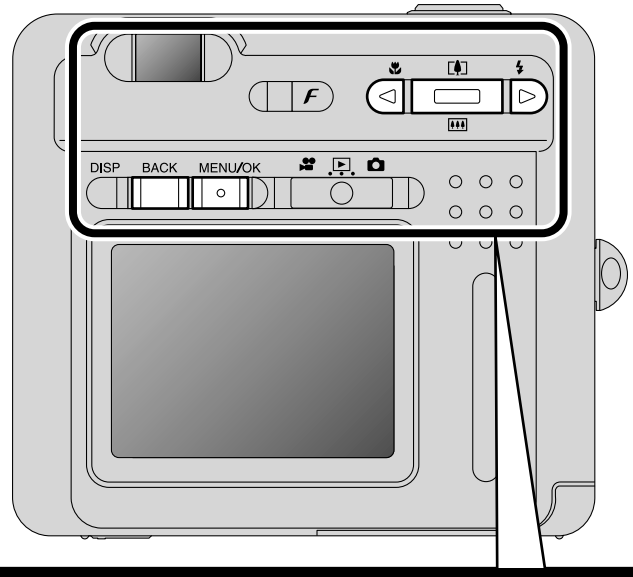
DISP button

Press this button to select the LCD monitor display.

Photography: Turns the LCD monitor on and off or displays the framing guides.
Playback: Turns text display on and off or selects multi-frame playback.

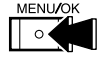
◀▶ button

Photography: ◀ button
Turns Macro ( ) on and off.
▶ button
Sets the flash ( ).
Playback: Changes frame or (in a movie) frame advance.

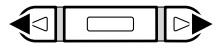


Using the Menus

①Display the menu.
Press the "MENU/OK" button.



②Select a menu option.
Press the left or right arrow "◀" or "▶" on the button.

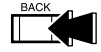


③Select a setting.
Press the up or down arrow "▲" or "▼" on the switch.

④Confirm the setting.
Press the "MENU/OK" button.

BACK button

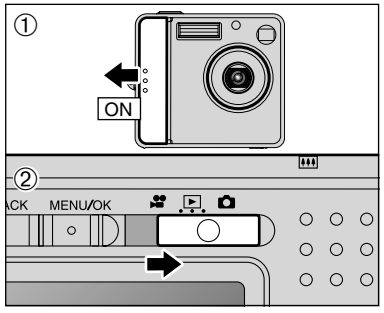
Press this button to stop a procedure midway through.



In the OWNER'S MANUAL the up, down, left and right directions on the 4-direction button are indicated by black triangles. Up or down is shown as "▲" or "▼", and left or right is shown as "◀" or "▶".

TAKING PICTURES (AUTO MODE)

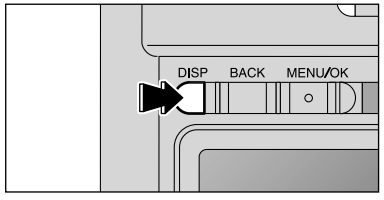
1



① Slide the Power switch sideways to turn the camera on.
② Set the Mode switch to "".

- **Focal range:** Approx. 60 cm (2.0 ft.) to infinity

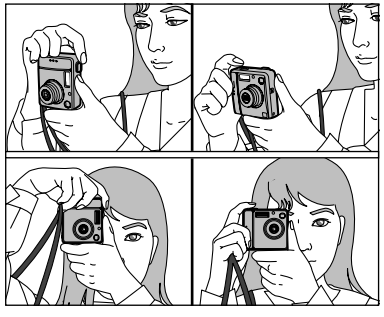
For subjects closer than 60 cm (2.0 ft.), use Macro mode (➡P.33).
If the "CARD ERROR", "NO CARD", "CARD FULL" or "CARD NOT INITIALIZED" message appears, see P.82.



To take pictures using the viewfinder, press the "DISP" button to turn the LCD monitor off (turning the LCD monitor off conserves battery power).

Note that you cannot turn the LCD monitor off in Macro mode.

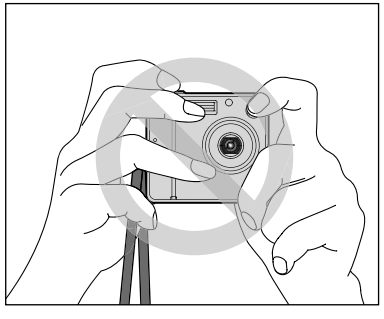
2



Brace your elbows against your sides and hold the camera with both hands. Position the thumb of your right hand so that it is handy for using the zoom.

The image will be blurred if the camera moves when taking the picture (camera shake). Use a tripod to avoid camera shake, particularly for shots in dark locations when the flash is set to Suppressed flash mode.
There may be some unevenness in the brightness at the lower edge of the LCD monitor. This is normal and does not affect the photographed image.

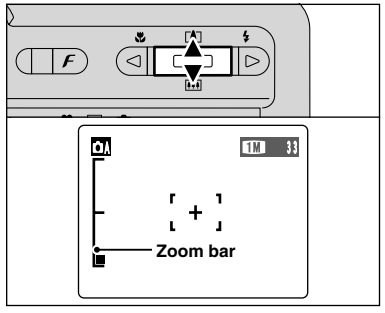
3



Take care to hold the camera so that your fingers or the strap do not cover the lens, flash or flash control sensor. If the lens, flash or flash control sensor is obscured by your fingers or the camera strap, you may not be able to obtain the correct brightness (exposure) for your shot.

Check that the lens is clean. If it is dirty, clean the lens as described on P.78.
When using the flash in very dusty conditions or when it is snowing, white dots may appear in the image due to the flash reflecting off the dust particles or snowflakes. Try taking the shot using Suppressed flash mode.

4

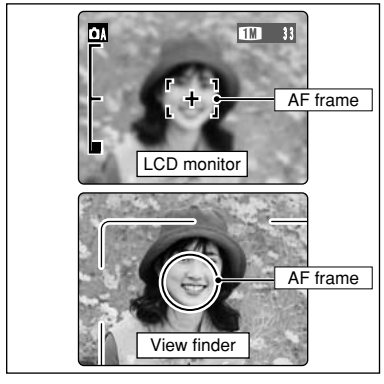


Press the Zoom switch "▲" (telephoto) up to zoom in on the subject. To zoom out, press "▼" (wide-angle) down. A "zoom bar" appears on the LCD monitor when you zoom in or out.

- **Optical zoom focal length** (35 mm camera equivalent)
  Approx. 36 mm-108 mm
  Maximum zoom scale: 3×

Zooming pauses briefly when it changes between optical zoom and digital zoom (➡P.25). Press the same Zoom button again to change Zoom modes.

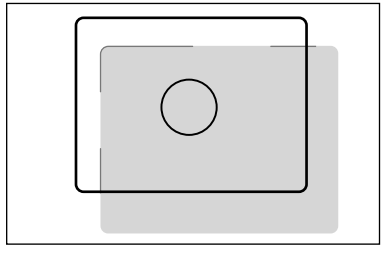
5



Using the LCD monitor or viewfinder, frame the shot so that the subject fills the entire AF (Auto Focus) frame.

If the subject is not in the center of the picture, use AF/AE lock to take the picture (➡P.24).
To frame the shot precisely, take the picture using the LCD monitor.
The image shown on the LCD monitor before taking the picture may differ in its brightness, color, etc. from the image actually recorded. If necessary, play back the recorded image to check it (➡P.26).
In some conditions it may be difficult to see your subject clearly on the LCD monitor, (such as in sunny weather outdoors or when you are shooting dimly lit scenes). In such situations, use the viewfinder to take the picture.

6

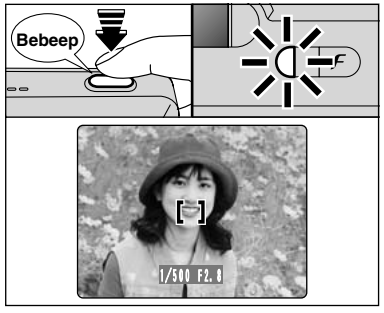


When using the viewfinder to take a picture at a distance of 0.6 m to 1.5 m (2.0 ft. to 4.9 ft.), only the shaded area in the figure is photographed.

Continued

TAKING PICTURES (AUTO MODE)

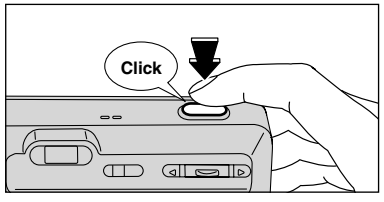
7



Pressing the Shutter button down halfway, the camera emits a short double-beep and focuses on your subject. At that point, the AF frame on the LCD monitor becomes smaller and the camera sets the shutter speed and aperture (the viewfinder lamp (green) stops blinking and remains lit).

- If "!AF" appears on the LCD monitor, the camera cannot focus.
- Pressing the Shutter button down halfway, the image on the LCD monitor freezes briefly. However, this is not the recorded image.
- If "!AF" appears on the LCD monitor (e.g. the shot is too dark for the camera to focus), try standing about 2 m (6.6 ft.) from the subject to take the picture.
- If Ni-MH and alkaline batteries are being used together, or the batteries are low on charge, camera may be turned off without retracting the lens. At that time, set the Mode switch to Playback mode (➡P.26). Then turn the camera on. After the lens retracts, turn the camera off again. If the lens still does not retract, fit new batteries or use the AC power adapter (➡P.69).

8



Press the Shutter button down fully without releasing it. When a clicking noise heard, the camera records the photographed image.

- There is a slight delay between the Shutter button being pressed and the picture being taken. When "IMAGE DISP." is set to ON (➡P.57), the results of the shot appear on the LCD monitor after you take a picture. The image shown may differ in its brightness, color, etc. from the image actually recorded. If necessary, play back the shot to check the image.
- When pressing the Shutter button down fully in one motion, the AF frame disappears and the picture is taken.
- When taking the picture, the viewfinder lamp lights orange (shooting disabled). The viewfinder lamp then changes to green to indicate that the next picture can be taken.
- The viewfinder lamp blinks orange while the flash is charging. If the LCD monitor is turned on, the LCD monitor may go dark. This is normal and does not indicate a fault.
- See P.82-83 for information on the warning displays.

■ Viewfinder lamp display

Display	Status
Lit green	Ready to shoot.
Blinking green	AF/AE in progress, camera shake warning or AF warning (Ready to shoot).
Blinking green and orange alternately	Recording to **xD-Picture Card** (Ready to shoot).
Lit orange	Recording to **xD-Picture Card** (Not ready).
Blinking orange	Charging the flash (Flash will not fire).
Blinking green (1-second intervals)	Camera in Power save mode (➡P.58).
Blinking red	● **xD-Picture Card** Warnings No card inserted, card not formatted, incorrect format, card full, **xD-Picture Card** error. ● Lens operation error.

✻ When the LCD monitor is turned on, more detailed warning messages appears (➡P.82-83).

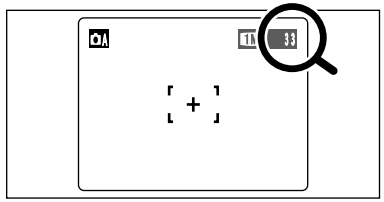
◆ Subjects not suitable for autofocus ◆

Though the FinePix F420 uses an autofocus mechanism, it may have trouble focusing with the following subjects and situations:

- Very shiny subjects such as a mirror or car body
- Subjects photographed through glass
- Subjects that do not reflect well, such as hair or fur
- Subjects with no substance, such as smoke or flames
- When the subject is dark
- When there is very little contrast between the subject and the background (such as white walls or subjects dressed in the same color as the background)
- Subjects moving at high speed
- When something other than your subject is close to the AF frame, has contrasting areas of light and dark and is either closer or further away than your subject (as when you photograph someone against a background with strongly contrasting elements)

For subjects of this type, use AF/AE lock (➡P.24).

NUMBER OF AVAILABLE FRAMES



The number of available frames appears on the LCD monitor.

- See P.29 for information on changing the quality setting.
- The default quality "★" set at shipment is 1M.

■ Standard number of frames per xD-Picture Card

This is the standard number shown for a new **xD-Picture Card** formatted on the camera. The larger the capacity of the **xD-Picture Card**, the greater the difference between the standard number and the actual number of frames appears.
Also, because the amount of data recorded varies depending on the subject, the number of available frames may not decrease or may decrease by 2 when a frame is taken. Consequently, the actual number of frames may be more or less than what is displayed.

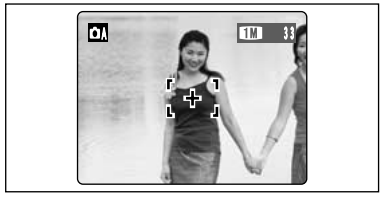
Quality	6M 6M	3M 3M	1M 1M	0.3M 0.3M
Number of recorded pixels	2816 × 2120	2048 × 1536	1280 × 960	640 × 480
DPC-16 (16 MB)	10	19	33	122
DPC-32 (32 MB)	21	40	68	247
DPC-64 (64 MB)	43	81	137	497
DPC-128 (128 MB)	86	162	275	997
DPC-256 (256 MB)	173	325	550	1997
DPC-512 (512 MB)	347	651	1101	3993

USING AF/AE LOCK

1

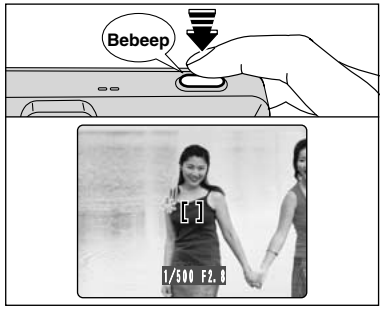
In a shot with this type of composition, the subjects (two people in this case) are not in the AF frame. If the picture is taken at this point, the subjects will not be in focus.

2



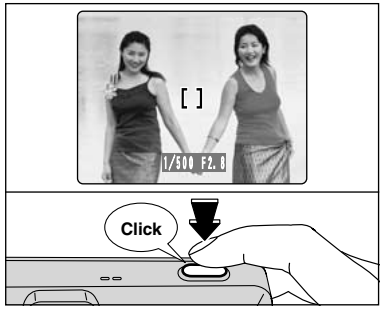
Move the camera slightly so that one of the subjects in the AF frame.

3



Without moving the camera, press the Shutter button down halfway (AF/AE lock). Focusing is complete when the AF frame on the LCD monitor shrinks and the viewfinder lamp (green) stops blinking and remains lit.

4



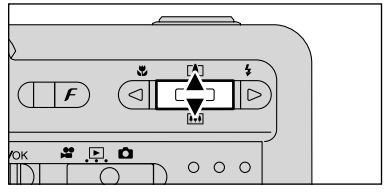
Continue to hold the Shutter button down halfway (AF/AE lock). Move the camera back to the original image and then fully press down on the Shutter button.

- You can reapply the AF/AE lock as many times as you like before releasing the shutter.
- The AF/AE lock operates in all Photography modes and can be used to ensure excellent results.

◆ AF (Autofocus)/AE (Auto-exposure) Lock ◆

On the FinePix F420, when you press the Shutter button down half way, the focus and exposure settings are fixed (AF/AE lock). If you want to focus on a subject that is off to one side of the image or if you want to set the exposure before you compose the final shot, lock the AF and AE settings and then compose and shoot your picture to get the best results.

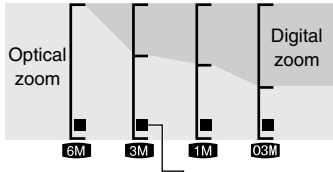
USING THE ZOOM (OPTICAL ZOOM / DIGITAL ZOOM)



Press "▲ (T)" up and "▼ (W)" down to zoom in and out.
The digital zoom can be used with the "3M", "1M" and "03M" quality settings.
When zooming changes between optical and digital, the "■" indicator stops. Pressing the same zoom switch again starts the "■" indicator moving.

- The digital zoom cannot be used with the "8M" quality setting.
- See P.29 for information on changing the quality setting.
- If the shot goes out of focus during zooming, hold the Shutter button down halfway to refocus the shot.

Zoom bar display



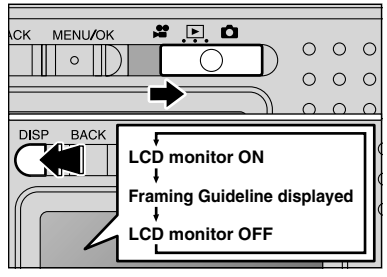
The position of the "■" indicator on the zoom bar shows the zooming status. The area below the separator indicates optical zooming, while the area above indicates digital zooming.

- **Optical zoom focal length***
  Approx. 36 mm-108 mm,
  Maximum zoom scale: 3×
- **Digital zoom focal lengths***
  3M: Approx. 108 mm-151 mm,
  Maximum zoom scale: Approx. 1.4×
  1M: Approx. 108 mm-238 mm,
  Maximum zoom scale: Approx. 2.2×
  03M: Approx. 108 mm-475 mm,
  Maximum zoom scale: Approx. 4.4×

* 35 mm camera equivalent

- The digital zoom can only be used for pictures taken using the LCD monitor.

BEST FRAMING

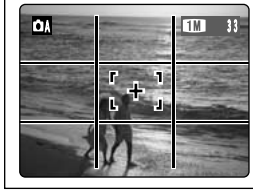


Select the Framing guideline function in "" mode. The LCD monitor display changes each time you press the "DISP" button. Press the "DISP" button until "Framing Guideline" appears.

◆ Important ◆

Always use AF/AE lock when composing a shot. The image may not be focused correctly if you do not use AE/AF lock.

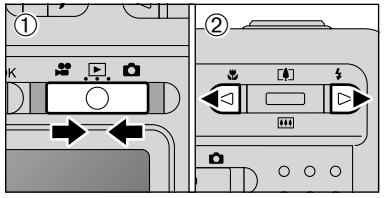
Scene



Use this frame with the main subject positioned at the intersection of two lines or align one of the horizontal lines with the horizon. This frame allows you to compose your own shots while remaining aware of the subject's size and the balance of the shot.

- The framing guideline is not recorded on the image.
- The lines in the scene frame divide the recorded pixels into 3 roughly equal parts horizontally and vertically. When the image is printed, the resulting print may be shifted slightly from the scene frame.

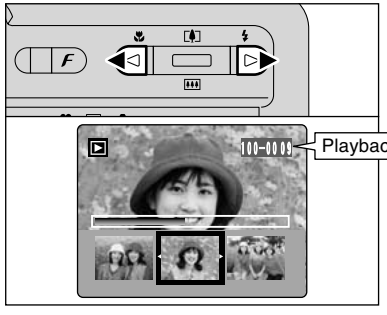
VIEWING THE IMAGES (PLAYBACK)



Single-frame playback

① Set the Mode switch to "▶".
② Press "▶" to scan forward through the images and press "◀" to scan backwards.

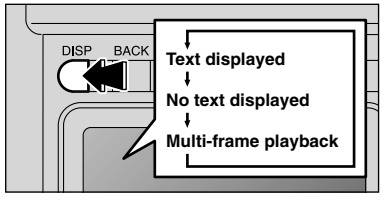
- Setting the Mode switch to "▶", the last shot is played back.
- If the lens is extended during playback, the lens automatically retracts as a protective measure if the camera is not used for about 6 seconds.



Fast-forwarding through the images

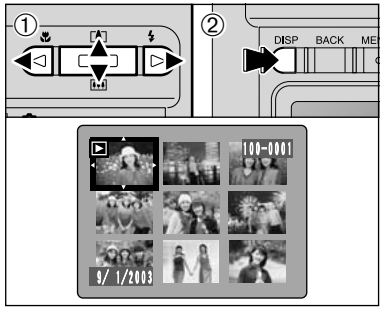
Hold down "◀" or "▶" about 1 second during playback to skip backwards or forwards through the images.

- A bar appears as a progress bar to the location of the current image on the **xD-picture Card**.



Multi-frame playback

In Playback mode, the display shown on the LCD monitor changes each time when pressing the "DISP" button. Press the "DISP" button until the multi-frame playback screen (9 frames) appears.



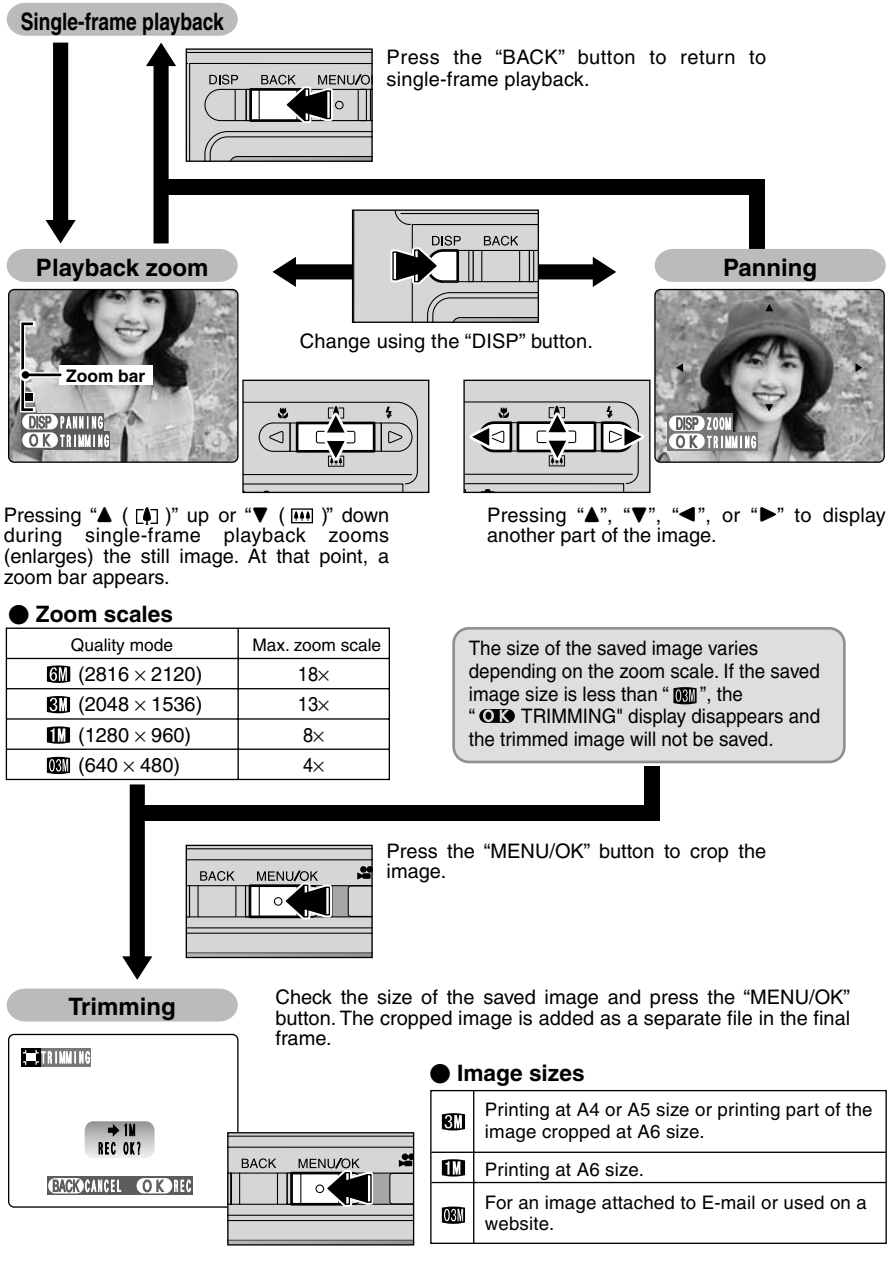
① Press "▲", "▼", "◀" or "▶" to move the cursor (orange frame) to the frame you want to select. Pressing "▲" or "▼" repeatedly changes to the next page.
② Press "DISP" button again to enlarge the current image displayed.

- The LCD monitor text display disappears after about 3 seconds.
- Playback zoom cannot be used with multi-frame playback.

◆ Still images that can be viewed ◆

You can use this camera to view still images recorded on the FinePix F420 or still images (excluding some uncompressed images) recorded on a FUJIFILM digital camera that supports **xD-Picture Card**s. Clear playback or digital zooming may not be possible for still images shot on cameras other than the FinePix F420.

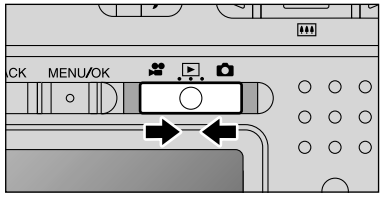
During single-frame playback, you can use the zoom to check your photo or trim the image so that only the part you want to show is saved.


Single-frame playback
DISP BACK MENU/O
Press the "BACK" button to return to single-frame playback.
Playback zoom
DISP BACK
Change using the "DISP" button.
Panning
Zoom bar
DISP PANNING
OK TRIMMING
DISP ZOOM
OK TRIMMING
Pressing "▲ ( )" up or "▼ ( )" down during single-frame playback zooms (enlarges) the still image. At that point, a zoom bar appears.
Pressing "▲", "▼", "◀", or "▶" to display another part of the image.
● Zoom scales
Quality mode
Max. zoom scale
6M (2816 × 2120)
18×
3M (2048 × 1536)
13×
1M (1280 × 960)
8×
03M (640 × 480)
4×
The size of the saved image varies depending on the zoom scale. If the saved image size is less than "03M", the "OK TRIMMING" display disappears and the trimmed image will not be saved.
BACK MENU/OK
Press the "MENU/OK" button to crop the image.
Trimming
TRIMMING
IN
REC OK?
BACK CANCEL OK REC
BACK MENU/OK
Check the size of the saved image and press the "MENU/OK" button. The cropped image is added as a separate file in the final frame.
● Image sizes
3M
Printing at A4 or A5 size or printing part of the image cropped at A6 size.
1M
Printing at A6 size.
03M
For an image attached to E-mail or used on a website.

PLAYBACK MODE

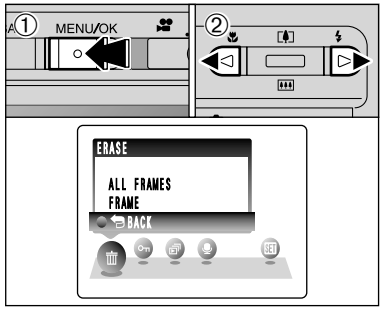
ERASING IMAGES (ERASE FRAME)

1



Set the Mode switch to "▶".

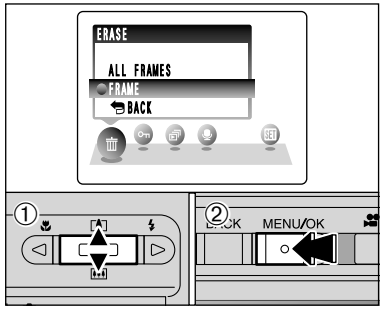
2



① Press the "MENU/OK" button during playback to display the menu.
② Press "◀" or "▶" to select "🗑" ERASE.

Note that mistakenly erased images cannot be recovered. Please copy important frames (files) that you do not want to be erased to your computer or another media.

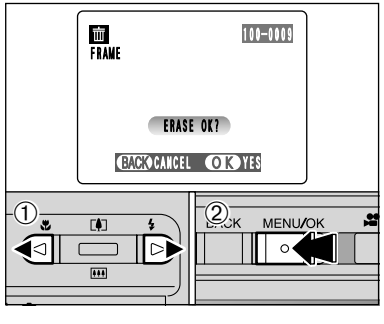
3



① Press "▲" or "▼" to select "FRAME".
② Press the "MENU/OK" button to confirm the selection.
See P.44 for information on "ALL FRAMES".

- Press "▲" or "▼" to select "BACK" and press "MENU/OK" button to return to single-frame playback.
- Press the "BACK" button to cancel erasing single frame.

4



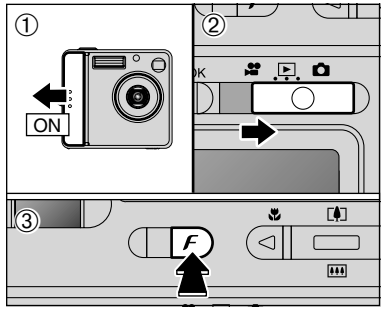
① Press "◀" or "▶" to select the frame (file) to be erased.
② Press the "MENU/OK" button to erase the displayed frame (file).
To erase another image, repeat steps ① and ②.
When you have finished erasing images, press the "BACK" button.

- Pressing the "MENU/OK" button repeatedly erases consecutive images. Take care not to erase an image by mistake.

F PHOTO MODE STILL PHOTOGRAPHY

QUALITY MODE (NUMBER OF RECORDED PIXELS)

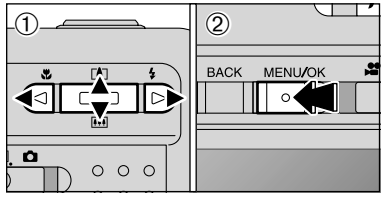
1



① Slide the Power switch to the side to turn the camera on.
② Set the Mode switch to "📷".
③ Press the Photo mode (F) button.

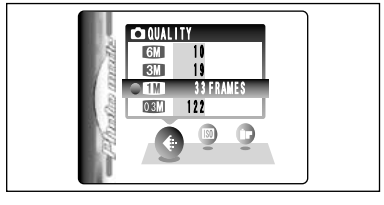
The quality setting is retained even if you turn the camera off or change the Mode switch setting.

2



① Press "◀" or "▶" to select the "⋮" quality setting and then press "▲" or "▼" to change the setting.
② Press the "MENU/OK" button to confirm the setting.

Quality settings in Still photography mode



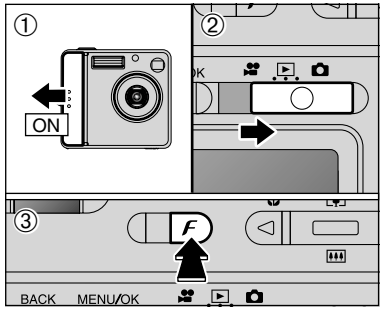
Choose from 4 settings. Using the table below as a guide, select the setting that best suits the desired result.

- The numbers to the right of each setting show the number of available frames.
- When changing the quality setting, the number of available frames also changes (➡P.23).

Quality mode	Sample Uses
6M 6 MB (2816 × 2120)	Printing at A4 size or printing part of the image cropped at A5 or A6 size.
3M 3 MB (2048 × 1536)	Printing at A4 or A5 size or printing part of the image cropped at A6 size.
1M 1 MB (1280 × 960)	Printing at A6 size.
0.3M 0.3 MB (640 × 480)	For an image attached to E-mail or used on a website.

ISO SENSITIVITY

1

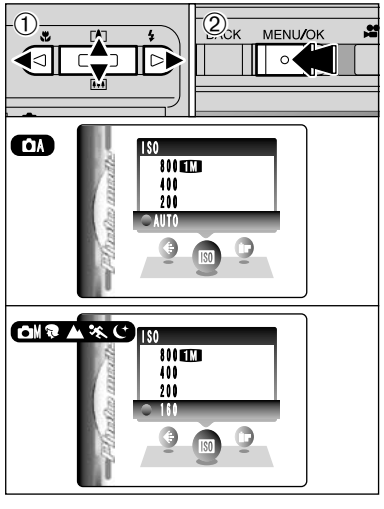


① Slide the Power switch to the side to turn the camera on.
② Set the Mode switch to "📷".
③ Press the Photo mode (F) button.

In "🎥" Movie mode, do not set the "ISO" (sensitivity) setting.

Sensitivity is retained even if you turn the camera off or change the Mode switch setting.

2

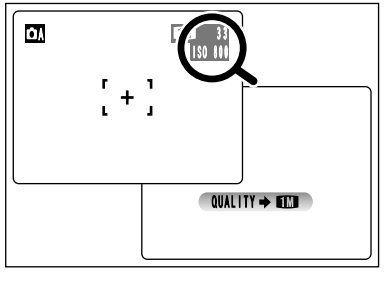


① Press "◀" or "▶" to select the "ISO" setting and then press "▲" or "▼" to change the setting.
② Press the "MENU/OK" button to confirm the setting.

- **Settings**
  📷A: AUTO (125 to 640)/200/400/800
  📷M, 🌷, ▲, 🏃 and 🌙: 160/200/400/800

While selecting a higher sensitivity setting will allow you to take pictures in darker locations, it will also increase the amount of speckling in your images.
Choose the sensitivity setting that best suits the conditions.

Select AUTO as the sensitivity setting and the camera automatically selects the appropriate sensitivity setting for the subject brightness.
The AUTO sensitivity setting can be selected in "📷A" in the SHOOTING MODE.



High-sensitivity photography (800)

When high sensitivity (800) is selected, the quality is automatically set to "1M".
When using a high sensitivity setting, "ISO 800" appears on the LCD monitor.

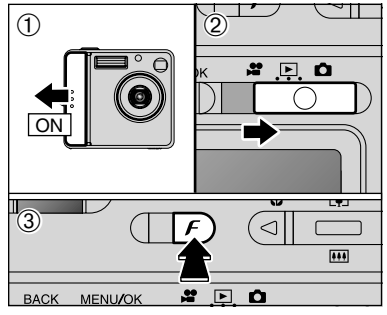
The digital zoom cannot be used in high-sensitivity photography.

◆ Quality setting in High-sensitivity mode ◆

If you try to select a quality setting (➡P.29) other than "1M" when the camera is set to High-sensitivity mode, "ISO 800" appears blinking and the quality cannot be changed.

FinePix COLOR

1

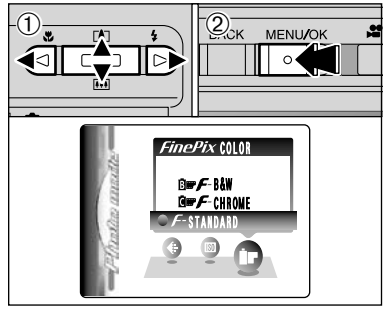


① Slide the Power switch to the side to turn the camera on.
② Set the Mode switch to "📷".
③ Press the Photo mode (F) button.

In "🎥" Movie mode, do not set the "FinePix COLOR" setting.

The FinePix COLOR setting is retained even if you turn the camera off or change the Mode switch setting.

2

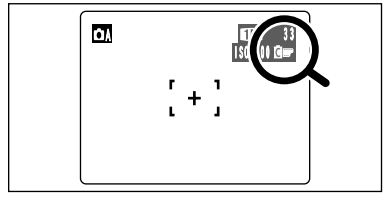


① Press "◀" or "▶" to select the "FinePix COLOR" setting and then press "▲" or "▼" to change the setting.
② Press the "MENU/OK" button to confirm the setting.

F-CHROME may have little visible effect with some subjects, such as close-up shots of people (portraits).
Because the effects on the image differ depending on the scene being shot in F-CHROME mode, take pictures in standard mode as well as this mode. Note that you may not be able to see any difference on the LCD monitor.
For shots taken in F-CHROME mode or F-B&W mode, automatic quality adjustment will be suppressed on Exif Print compliant printers.

F-STANDARD	The contrast and color saturation are set to standard. Use this mode for normal photography.
F-CHROME	The contrast and color saturation are set to high. This feature is effective for taking more vivid shots of subjects such as scenery (blue sky and greenery) and flowers.
F-B&W	This setting converts the colors in the photographed image to black and white.

3



When setting F-CHROME or F-B&W, the icon appears on the LCD monitor.
F-CHROME: C
F-B&W : B

TAKING PICTURES — SELECTING THE CAMERA SETTINGS

Consider the scene you are photographing and the sort of image you want to achieve when you specify the camera settings. A general guide to the procedure is given below.

1 Select the SHOOTING MODE

A	Leaves the "EV" and "White balance" settings to the camera.
M	Sets the "EV" and "White balance" to manual to easily control yourself.
/ / /	Selects the best setting for the scene being shot.

2 Specify the required Photography function settings

	Flash	Uses for shots in dark locations or for backlit subjects, etc.
	Macro	Uses for close-up shots.
	Self-timer	Uses in situations such as group shots where the photographer is included in the shot.
	Continuous shooting	Uses to take a series of continuous shots.
	EV	Uses the AE exposure as a reference value of 0, this function brightens (+) or darkens (–) the shot.
WB	White balance	Uses to fix the white balance to suit the photography conditions and lighting.

3 Take the pictures

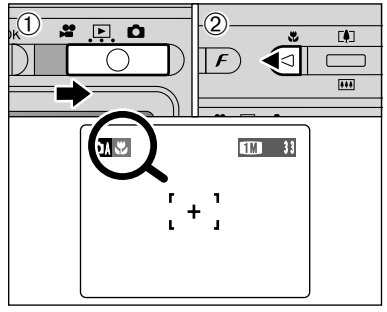
■ Photography mode specifications

		Default Setting	A	M	/▲/ /
►	FLASH (AUTO/ / / /)	AUTO	YES	YES	YES*2
◄	MACRO (ON/OFF)	OFF	YES	YES	NO
FinePix Photo mode	QUALITY	1M	YES	YES	YES
	ISO	AUTO*1	YES	YES	YES
	FinePix COLOR	F-STANDARD	YES	YES	YES
Menu	SELF-TIMER (ON/OFF)	OFF	YES	YES	YES
	CONTINUOUS SHOOTING (OFF/ /)	OFF	YES	YES	YES
	EV (–2.1 to +1.5)	0	NO	YES	NO
	WHITE BALANCE (AUTO/ / / / /)	AUTO	NO	YES	NO

*1 The factory default ISO setting for M mode is 160.
*2 Some restrictions apply to the available flash modes depending on the photography menu setting (, ▲, or) (➡P.36).

MACRO (CLOSE-UP) PHOTOGRAPHY / FLASH

MACRO (CLOSE-UP) PHOTOGRAPHY



Selecting Macro mode allows you to take close-up shots.
① Set the Mode switch to "".
② Press the "" Macro button (◄). Close-up shots are ready to take when the "" appears on the LCD monitor.
To cancel Macro mode, press the "" Macro button (◄) again.

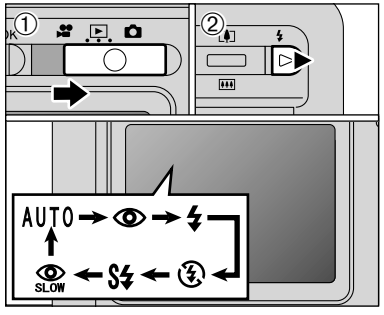
- **Focal range**
  Approx. 8.5 cm to 80 cm (3.3 in. to 31.5 in.)
- **Effective flash range**
  Approx. 30 cm to 80 cm (11.8 in. to 31.5 in.)
- **Optical zoom focal length***
  Approx. 36 mm-52 mm,
  Maximum zoom scale: 1.4 ×
- **Digital zoom focal lengths***
  3M: Approx. 52 mm-73 mm,
  Maximum zoom scale: Approx. 1.4 ×
  1M: Approx. 52 mm-114 mm,
  Maximum zoom scale: Approx. 2.2 ×
  03M: Approx. 52 mm-229 mm,
  Maximum zoom scale: Approx. 4.4 ×

* 35 mm camera equivalent

If you use the viewfinder to take a picture in Macro mode, the field visible through the viewfinder does not match the field actually photographed because the viewfinder and lens are in different positions. Accordingly, you should use the LCD monitor to take pictures in Macro mode.

- Macro photography is automatically cancelled in the following situations:
  • When the Mode switch setting is moved to ""
  • When the SHOOTING MODE is changed
  • When the camera is turned off
- Select the appropriate Flash mode for the conditions.
- If shooting in a dark location (when the "" camera shake warning icon appears), use a tripod to prevent camera shake.
- The LCD monitor is automatically turned ON and cannot be turned OFF.
- When canceling Macro mode, the LCD monitor remains on.

FLASH



Up to 6 Flash modes can be chosen according to the type of shot.

① Set the Mode switch to "📷".

② The flash setting changes each time you press the "ϟ" Flash button (▶). The last Flash mode displayed is selected.

● **Effective flash range (for 📷A AUTO)**
Wide-angle: Approx. 0.6 m to 3.5 m (2.0 ft. to 11.5 ft.)
Telephoto: Approx. 0.6 m to 2.7 m (2.0 ft. to 8.9 ft.)

- When useing the flash in very dusty conditions or when it is snowing, white dots may appear in the image due to the flash reflecting off the dust particles or snowflakes. Try taking the shot using Suppressed flash mode.
- The flash charging time may increase if the charge remaining in the battery is low.
- When taking a picture using the flash, you may see the image disappear and the LCD monitor go dark as the flash charges. At the same time, the viewfinder lamp blinks orange.
- The available Flash modes are limited depending on the Photography menu selected (➡P.36).

Auto flash mode (no icon)

Use this mode for ordinary photography. The flash fires automatically as required by the shooting conditions.

- Pressing the Shutter button while the flash is charging, the shot will be taken without the flash.

Red-eye reduction

Use this mode to ensure that the subject's eyes appear natural when photographing people in low-light conditions. The flash fires a pre-flash just before the picture is taken and then fires again to take the actual picture.
The flash fires automatically as required by the shooting conditions.

- Pressing the Shutter button while the flash is charging will result in the shot will be taken without the flash.

◆ Red-Eye Effect ◆

When you use the flash to photograph people in low-light conditions, their eyes sometimes appear red in the picture. This is caused by the light of the flash reflecting off the inside of the eye. Use Red-eye reduction flash to effectively minimize the likelihood of the red-eye effect.
Take the following measures to make Red-eye reduction more effective:
● Get the subjects to look at the camera. ● Get as close as possible to the subjects.

Forced flash

Use this mode to photograph backlit scenes, such as a subject against a window or in the shade of a tree, or to obtain the correct colors when you are shooting under lighting such as fluorescent lamps. In this mode, the flash fires in bright as well as dark conditions.

Suppressed flash

Use this mode for photography using indoor lighting, for shots taken through glass, and for photography in venues such as theaters or at indoor sporting events where the distance is too great for the flash to be effective. In this situation, you can use the specified white balance (➡P.40) to take shots that retain the atmosphere given by the ambient lighting.

- To take pictures in Suppressed flash mode in dark conditions, use a tripod to prevent camera shake.
- See P.82 for information on the camera shake warning.

Slow synchro

This is a flash mode that uses a slow shutter speed. This allows you to take pictures of people at night that clearly show both your subjects and the night time backdrop. To prevent camera shake, always use a tripod.

● **Slowest shutter speed:** Up to 2 sec.

Red-eye reduction + Slow synchro

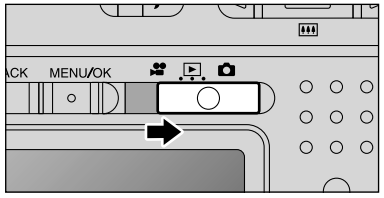
Use this mode for Slow synchro shots with Red-eye reduction.

- The image may be overexposed when shooting bright scenes.

To take a picture of a main subject at night with the background brightly lit, please use "☾" (NIGHT) settings in the "📷" SHOOTING MODE (➡P.36).

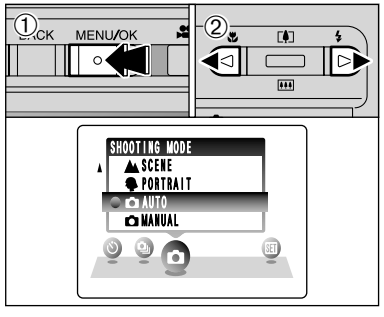
PHOTOGRAPHY MODE

1



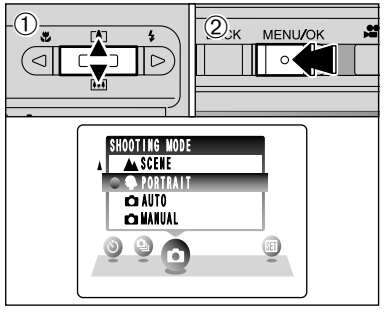
Set the Mode switch to "📷".

2



① Press the "MENU/OK" button to display the menu on the LCD monitor.
② Press "◀" or "▶" to select "📷" SHOOTING MODE.

3



① Press "▲" or "▼" to select SHOOTING MODE.
② Press the "MENU/OK" button to confirm the selection.

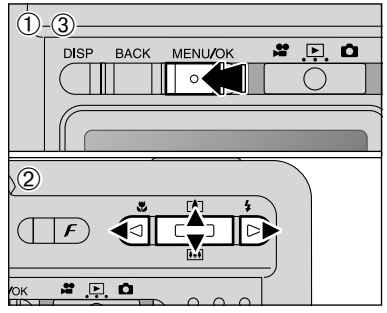
Photography mode	Explanation	Available flash modes
📷 MANUAL	This is the mode for specifying "EV" (exposure compensation) (➡P.40) and White balance (➡P.40) settings.	AUTO / 👁 / ϟ / ⓢ / Sϟ / 👁SLOW
📷 AUTO	This is the easiest mode for taking pictures and can be used in a wide range of conditions.	AUTO / 👁 / ϟ / ⓢ
PORTRAIT	This is the best mode for shooting portraits. Skin tones are shown beautifully and the overall tone is soft.	AUTO / 👁 / ϟ / ⓢ / Sϟ / 👁SLOW
▲ SCENE	This is the best mode for shooting scenery in daylight and provides crisp, clear shots of scenery such as buildings and mountains.	can not be used
SPORT	This is the best mode for shooting sporting events. This mode gives priority to faster shutter speeds.	AUTO / ϟ / ⓢ
NIGHT	This is the best mode for evening and night scenes. This mode allows you to take shots where priority is given to slow shutter speeds of up to 2 seconds. To prevent camera shake, always use a tripod.	Sϟ / 👁SLOW / ⓢ

✻ "", "▲", "" and "" can not be selected Macro mode.

PHOTOGRAPHY MENU Selecting the SHOOTING MODE (➡P.36)

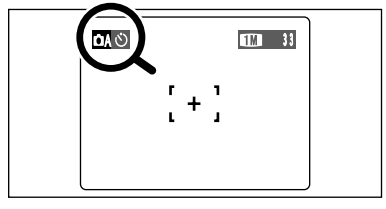
PHOTOGRAPHY MENU OPERATION

1



① Press the "MENU/OK" button to display the menu on the LCD monitor.
② Press "◀" or "▶" to select the menu item and "▲" or "▼" to change the setting.
③ Press the "MENU/OK" button to confirm the selection.

2

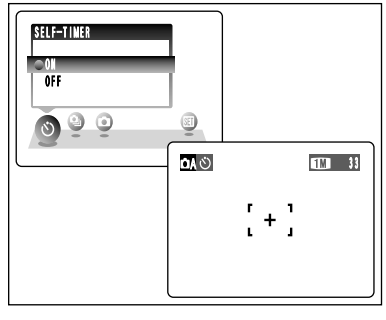


When the setting is enabled, an icon appears in the top-left corner of the LCD monitor.

The settings available in the menu screen vary depending on the SHOOTING MODE (➡P.32).

SELF-TIMER PHOTOGRAPHY

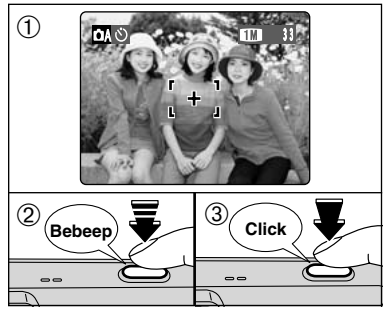
1



The self timer can be set in Still photography mode.
The self timer is used in situations such as group shots where the photographer is included in the shot.
When you set the self-timer to "ON", "⏲" appears on the LCD monitor.
In this mode, a timer runs for about 10 seconds before the shutter is released.

The self-timer is automatically turned off in the following situations:
- When shooting ends
- When the SHOOTING MODE is changed
- When the Mode switch setting is moved another setting
- When the camera is turned off

2

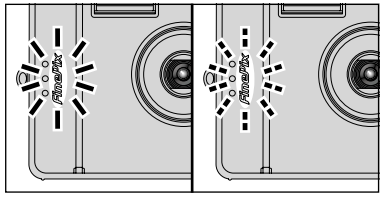


① Position the AF frame over the subject.
② Press the Shutter button down halfway to focus the shot.
③ Without releasing the Shutter button, press the button all the way down (fully pressed) to start the self-timer.

The AF/AE lock can be used in Self-timer photography mode (➡P.24).
Take care not to stand in front of the lens when you press the Shutter button as this can prevent the correct focus or brightness (exposure) being obtained.

Continued

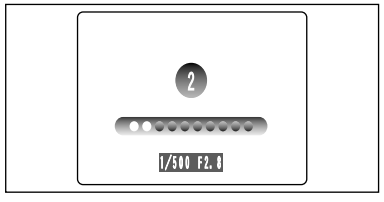
3



The self-timer lamp lights steadily for about 5 seconds and then blinks for another 5 seconds, after which the shot is taken.

- The self-timer lamplight may not be visible under sunlight.
- To stop the self-timer, once it has started running, press the "BACK" button.

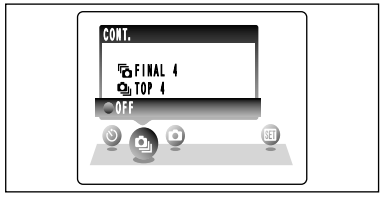
4



A countdown appears on the LCD monitor indicating the time remaining until the picture is taken.
Self-timer mode is automatically cancelled after each shot.

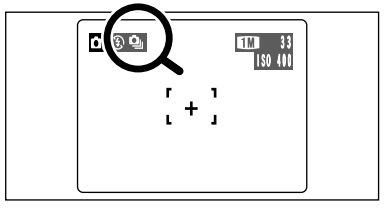
CONTINUOUS SHOOTING

1



This mode can be selected in the Still photography mode.
Select the Continuous shooting mode you want to use.

2



Setting Continuous shooting mode (excluding OFF), the selected mode appears on the LCD monitor.
: Top 4-frame Continuous shooting
: Final 4-frame Continuous shooting

◆ Notes on using the Continuous shooting modes ◆

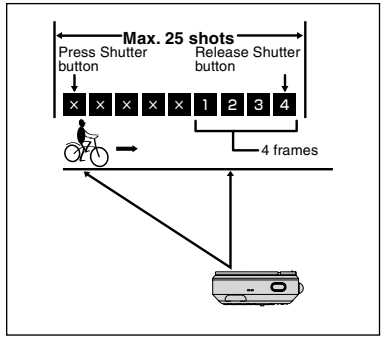
- LCD monitor goes dark during shooting images.
- Use the viewfinder to take pictures.
- The results of the shot appear even when "IMAGE DISP." is set to OFF (➡P.57).
- Shooting continues for as long as holding down the Shutter button.
- If there is insufficient space on the **xD-Picture Card**, as many frames are shot as can be recorded on the available space.
- The focus and exposure are determined when the first frame is shot and cannot be changed midway.
- The speed of continuous shooting does not change with the quality setting.
- When a Continuous shooting mode is selected, the flash mode is forcibly set to "⊗" Suppressed flash.

Top 4-frame continuous shooting

This mode shoots up to 4 frames at intervals as short as 0.3 seconds. When taking the pictures, the photographed images are displayed and automatically recorded.

- The time required to record a file is about 7 seconds in "1M" mode (for top or final 4-frame continuous shooting).

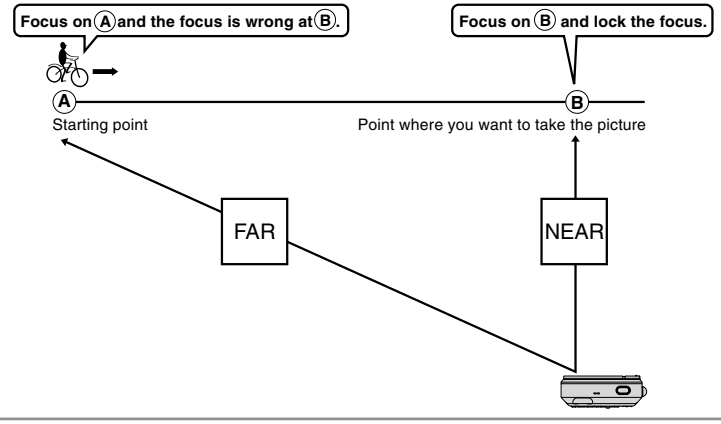
Final 4-frame continuous shooting



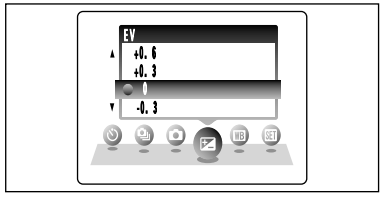
This mode allows you to release the shutter up to 25 times (at intervals as short as 0.3 seconds) and record the last 4 frames.
If you take your finger off the Shutter button before 25 shots have been taken, the camera records the final 4 frames shot before you released the Shutter button.
If there is insufficient space on the **xD-Picture Card**, the camera records as many of the pictures taken just before the Shutter button was released as will fit on the **xD-Picture Card**.

◆ Focusing on a moving subject ◆

If you press the Shutter button down halfway to focus on the subject at the starting point Ⓐ, the subject may no longer be in focus when it reaches point Ⓑ where you want to take the shot.
In such situations, focus on point Ⓑ beforehand and then lock the focus so that it does not shift.
This feature is also useful for photographing fast-moving subjects that are difficult to focus on.



EV (EXPOSURE COMPENSATION)



This mode can be selected in "M" in the SHOOTING MODE.
Use the Brightness setting to obtain the correct brightness (exposure) when the subject is much brighter or darker than the background.

- **Compensation range**
  –2.1 EV to +1.5 EV (13 steps in 0.3 EV increments)
  See P.88 for more information on EV.

The Brightness setting is disabled in the following situations:
- When the flash is used in Auto or Red-eye reduction mode
- When dark scenes are shot in Forced flash mode

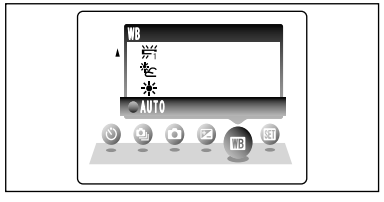
◆ To obtain the optimum brightness ◆

Adjust the exposure compensation according to the level of brightness or darkness in the photographed image.

- When the subject appears too bright
  Try a negative (–) compensation setting.
  This will make the overall photographed image darker.
- When the subject appears too dark
  Try a positive (+) compensation setting.
  This will make the overall photographed image brighter.

■ Guide to compensation
- Backlit portraits: +0.6 EV to +1.5 EV
- Very bright scenes (such as snowfields) and highly reflective subjects: +0.9 EV
- Shots made up predominantly of sky: +0.9 EV
- Spotlit subjects, particularly against dark backgrounds: –0.6 EV
- Scenes with low reflectivity, such as shots of pine trees or dark foliage: –0.6 EV

WB WHITE BALANCE



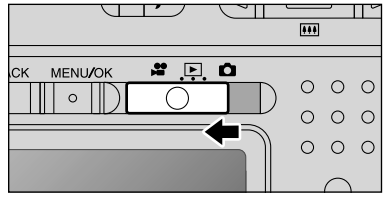
This mode can be selected in "M" in the SHOOTING MODE.
Change the white balance setting when you want to take a picture with the white balance fixed for the surroundings and lighting when the picture is taken. In AUTO mode, the correct white balance may not be obtained for subjects such as close-ups of people's faces and pictures taken under a special light source. In such situations, select the correct white balance for the light source. See P.88 for information on the white balance.

The color tones may vary somewhat depending on the shooting conditions (light source, etc.).

AUTO : Automatic adjustment
(Shooting to show the ambience of the light source)
☀ : Shooting outdoors in fine weather
⛅ : Shooting in shade
: Shooting under "Daylight" fluorescent lamps
: Shooting under "Warm White" fluorescent lamps
: Shooting under "Cool White" fluorescent lamps
: Shooting in incandescent light

✻ When the flash fires, the white balance set for the flash is used. To achieve a particular desired effect, set the Flash mode to Suppressed flash (➡P.35).

1



Set the Mode switch to "".
Use "" Movie mode to record movies with sound.
- **Specifications**
  Motion JPEG with monaural sound
  Quality setting: 320 320 × 240 pixels
- **Frame rate** (➡P.88)
  30 frames per second

The available recording time for a video may decrease depending on the amount of free space on the **xD-Picture Card**.
Because a movie is recorded onto the **xD-Picture Card** as it is shot, it cannot be recorded correctly if the camera suddenly loses power (if you open the battery cover or disconnect the AC power adapter).

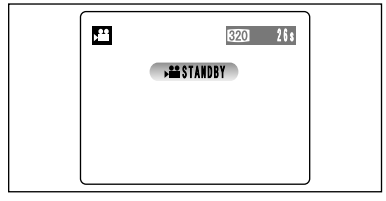
It may not be possible to playback your movies on other cameras.

■ Recording Times for xD-Picture Card

✻ These figures are the available recording times using a new **xD-Picture Card** formatted on the camera.

	Quality mode 320 (30 frames per second)
DPC-16 (16 MB)	26 sec.
DPC-32 (32 MB)	54 sec.
DPC-64 (64 MB)	109 sec.
DPC-128 (128 MB)	219 sec.
DPC-256 (256 MB)	7.3 min.
DPC-512 (512 MB)	14.6 min.

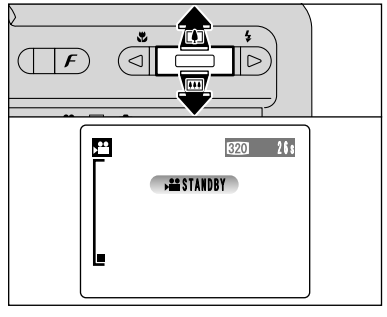
2



The available recording time and "STANDBY" appear on the LCD monitor.

Because sound is recorded concurrently with the images, ensure that you do not cover the microphone with a finger, etc. (➡P.8).

3

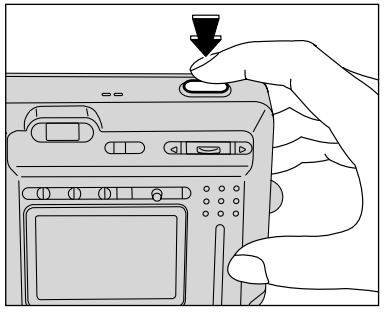


Press "▲ ()" up or "▼ ()" down to zoom in or out before you start recording. You must zoom beforehand as you cannot zoom during recording.

- **The optical zoom focal length**
  (35 mm camera equivalent)
  Approx. 36 mm-108 mm
  Max. zoom scale: 3×
- **Focal range**
  Approx. 60 cm (2.0 ft.) to infinity

Continued

4

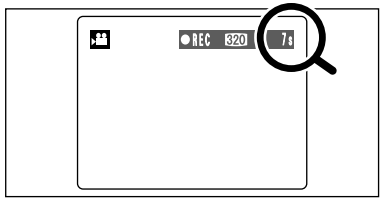


Press the Shutter button down fully to start recording.

- The brightness and color of the LCD monitor shown during movie recording may differ from those shown before recording begins.
- You do not need to hold down the Shutter button.

Pressing the Shutter button down fully locks the focus, but the exposure varies automatically according to the scene being shot.

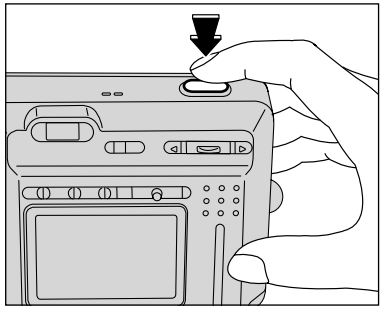
5



A counter appears in the top-right corner of the LCD monitor during recording shows the remaining time.

- When the Power save function (➥P.58) is active, after 30 seconds of recording, the LCD monitor gets a bit dark. Press the "DISP" button to recover the LCD monitor brightness.
- If the brightness of the subject changes during movie recording, the sound of lens operation may be recorded.
- Some wind noise may be recorded in movie recorded outdoors.
- When the remaining time runs out, recording automatically ends and the movie is saved onto the **xD-Picture Card**.

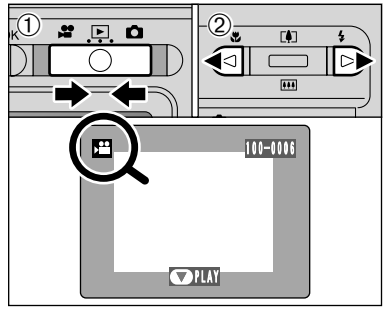
6



Press the Shutter button during recording to end recording.

- If recording is stopped immediately after it begins, about 1 second of movie is recorded onto the **xD-Picture Card**.

1

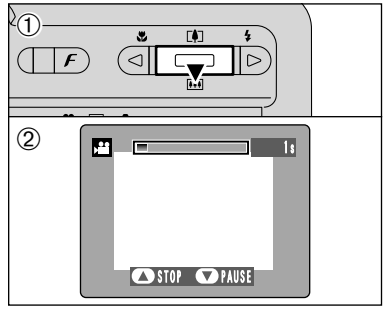


① Set the Mode switch to "▶".
② Press "◀" or "▶" to select the movie file.

- Movies cannot be played back using multi-frame playback. Use the "DISP" button to select single-frame playback.

Indicated by the "🎥" icon.

2



① Press "▼" to play the movie.
② The LCD monitor shows the playback time and a playback progress bar.

- If the subject of the movie is very bright, white streaks may appear on the image during playback. This is normal and does not indicate fault.

Movies are displayed one size smaller than still images.

■ Playing Back Movies

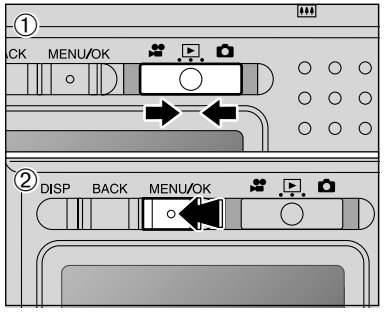
	Control	Description
Playback		Playback begins. The movie automatically stops when playback ends.
Pause/Resume		Pauses the movie during playback. Press "▼" again to resume playback.
Stop		Stops playback. ✻ Press "◀" or "▶" while movie playback is stopped to go back to the previous file or advance to the next file respectively.
Fast forward/Rewind	Rewind Fast forward	Press "◀" or "▶" during playback to skip forwards or backwards through the movie.
Skip playback	When paused	• Press "◀" or "▶" when the movie is paused, the movie advances or goes back one frame. • Hold down "◀" or "▶" to move through the frames quickly.

◆ Playing back movie files ◆

- It may not be possible to play back a movie file that was recorded on a camera other than the FinePix F420.
- To play back movie files on a computer, save the movie file on the **xD-Picture Card** to the computer's hard disk and then play back the saved file.

PLAYBACK MENU 🗑 ERASING SINGLE / ALL FRAMES

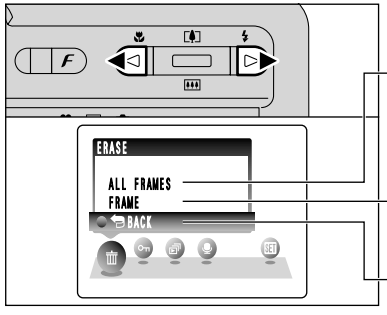
1



① Set the Mode switch to "▶".
② Press the "MENU/OK" button to display the menu on the LCD monitor.

Note that mistakenly erased images cannot be recovered. Please copy important frames (files) that you do not want to be erased to your computer or another media.

2



Press "◀" or "▶" to select "🗑" ERASE.

ALL FRAMES

Erases all unprotected frames (files).
Copy important frames (files) that you do not want to be erased to your computer or another media.

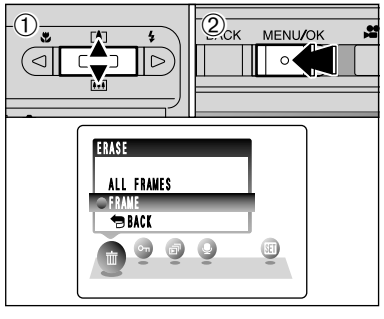
FRAME

Erase only the selected frame (file).

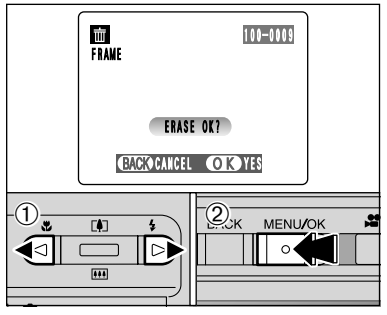
BACK

Returns to playback without erasing any frames (files).

3



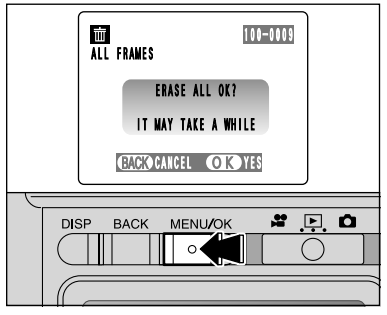
① Press "▲" or "▼" to select "ALL FRAMES" or "FRAME".
② Press the "MENU/OK" button.



FRAME

① Press "◀" or "▶" to select the frame (file) to be erased.
② Press the "MENU/OK" button to erase the currently displayed frame (file).
To erase another image, repeat steps ① and ②.
When you have finished erasing images, press the "BACK" button.

- Pressing the "MENU/OK" button repeatedly erases consecutive images. Take care not to erase an image by mistake.
- Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (➡P.46).



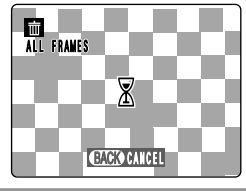
ALL FRAMES

Pressing the "MENU/OK" button erases all the frames (files).

- Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (➡P.46).

If the "DPOF SPECIFIED." message appears, press the "MENU/OK" button again to erase the frames (files).

◆ To stop the procedure mid-way ◆



Press the "BACK" button to stop erasing all the frames (files). Some unprotected frames (files) will be left unerased.

- Even if you stop the procedure immediately, some frames (files) will be erased.